Appl. No. 09/744,697

Reply to Final Office Action of April 5, 2005

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in this application:

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## Listing of Claims:

of for

(Previously Presented) A process for the manufacture of a crystalline molecular sieve containing phosphorus in its framework, which process comprises treating a synthesis mixture comprising a source of aluminum, a source of phosphorus, an organic template, and colloidal crystalline molecular sieve seeds for a time and at a temperature sufficient to form the crystalline molecular sieve, wherein the phosphorus-containing molecular sieve is selected from the group consisting of aluminophosphates and silicaaluminophosphates.

## 2. (Canceled)

- (Original) A process as claimed in claim 1, wherein the phosphorus-containing molecular 3. sieve is of the CHA or LEV structure type.
- (Original) A process as claimed in claim 1, wherein the phosphorus-containing molecular 4. sieve is SAPO-34.
- (Original) A process as claimed in claim 4, wherein the SAPO-34 is Ni-SAPO-34. 5.
- (Original) A process as claimed in claim 4, wherein the percentage area contribution of 6. Broensted acid sites to the total OH area in the IR spectrum is at least 30%.

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- 7. (Previously Presented) A process as claimed in claim 6, wherein said contribution is at least 50%.
- 8. (Original) A process as claimed in claim 1, wherein the seeds are of structure type LEV, OFF, or CHA.
- 9. (Original) A process as claimed in claim 1, wherein the seeds are of Levyne, ZSM-45, Chabasite, Offretite, or SAPO-34.
- 10. (Original) A process as claimed in claim 1, wherein the seeds are present in a proportion within the range of 1 to 2000 ppm, based on the total weight of the synthesis mixture.
- 11. (Original) A process as claimed in claim 10, wherein the proportion is within the range of from 100 to 1500 ppm.
- 12. (Original) A process as claimed in claim 10, wherein the proportion is within the range of from 100 to 250 ppm.
- 13. (Original) A process as claimed in claim 1, wherein the seeds are incorporated in the synthesis mixture in the form of a suspension.
- 14. (Original) A process as claimed in claim 1, wherein the particle size of the seeds is within the range of from 5 to 1000 nm.
- 15. (Original) A process as claimed in claim 14, wherein the particle size is within the range of from 10 to 300 nm.

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- 16. (Original) A process as claimed in claim 14, wherein the particle size is within the range of from 20 to 100 nm.
- 17. (Original) A process as claimed in claim 1, wherein the phosphorus-containing molecular sieve is of a first structure type and the seeds are of a second structure type.
- 18. (Original) A process as claimed in claim 17, wherein the first structure type is CHA and the second structure type is LEV.
- 19. (Currently Amended) The molecular sieve product of the process as claimed in claim 1 wherein, within said molecular sieve product, the percentage area contribution of Broensted acid sites to the total OH area in the IR spectrum is at least 30%.
- 20. (Original) The molecular sieve of claim 19, in particulate or layer form.
- 21. (Original) SAPO-34 in which the percentage area contribution of Broensted acid sites to the total OH area in the IR spectrum is at least 30%.
- (Original) A process for the conversion of an oxygenate to olefins which comprises contacting the oxygenate under catalytic conversion conditions with the molecular sieve of claim 19.
- (Previously Presented) A process for the conversion, adsorption or separation of hydrocarbons which comprises contacting the hydrocarbons with the molecular sieve of claim 19, optionally after washing, cation exchange, or calcining.
  - 24. (Canceled)

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25. (Previously Presented) A process for the synthesis of a phosphorus-containing crystalline molecular sieve which comprises treating a synthesis mixture with colloidal crystalline molecular sieve seed crystals to control the particle size of the phosphorus-containing molecular sieve and/or the acceleration of the formation of the phosphorus-containing crystalline molecular sieve during synthesis, wherein the phosphorus-containing molecular sieve is selected from the group consisting of aluminophosphates and silicaluminophosphates.